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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 09/843,755 | 04/30/2001 | D. Amnon Silverstein | 10992043-1 | 9186 |

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HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P.O. Box 272400
Fort Collins, CO 80527-2400

EXAMINER

NGUYEN, NHON D

| ART UNIT | PAPER NUMBER |
|----------|--------------|
|----------|--------------|

2174

DATE MAILED: 12/23/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

TS

Office Action Summary

Application No.

09/843,755

Applicant(s)

SILVERSTEIN, D. AMNON

Examiner

Nhon (Gary) D Nguyen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 April 2001.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-17 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-17 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) ✓
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 4.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-15 are rejected under 35 U.S.C. 102(e) as being anticipated by Berteig (US 6,348,936).

As per independent claim 1, Berteig teaches a movable display comprising:

means for detecting movement of the movable display relative to a first surface; and
means for correlating movement of the movable display to information representing a portion of a first image stored in a database, and for presenting the information on the movable display (col. 4, lines 6-34).

As per claims 2 and 3, which are dependent on claim 1 and 2 respectively, Berteig teaches the detecting means is a transducer included within the movable display wherein the transducer is used to correlate movement of the movable display to a change in position on a stored image (fig. 4; col. 4, lines 6-34).

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As per claim 4, which is dependent on claim 1, Berteig teaches the detecting means is configured to detect orientation of the movable display (up and down orientation in fig. 4).

As per claims 5 and 6, which are dependent on claims 1 and 5 respectively, Berteig the correlating means includes a processor (813 of fig. 8) and associated memory (815 of fig. 8) wherein the database is stored in a memory on board the movable display (812 of fig. 8).

As per claims 7 and 8, which are dependent on claims 5 and 7 respectively, Berteig teaches the information is stored in a database remote from the movable display wherein the information stored remote to the movable display is accessed via a wired link (col. 6, lines 27-51).

As per claim 9, which is dependent on claim 7, Berteig teaches the information stored remote to the movable display is accessed via a wireless link (col. 6, line 22).

As per independent claim 10, it is a similar scope to claim 1; therefore, it should be rejected under similar scope.

As per claim 11, which is dependent on claim 10, it is a similar scope to claim 4; therefore, it should be rejected under similar scope.

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As per claim 12, which is dependent on claim 10, it is a similar scope to claim 6; therefore, it should be rejected under similar scope.

As per claim 13, which is dependent on claim 10, it is a similar scope to claim 7; therefore, it should be rejected under similar scope.

As per claim 14, which is dependent on claim 10, it is a similar scope to claim 8; therefore, it should be rejected under similar scope.

As per claim 15, which is dependent on claim 10, it is a similar scope to claim 9; therefore, it should be rejected under similar scope.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 16 is rejected under 35 U.S.C. 103(a) as being unpatentable over Berteig in view of Cobbley et al. ("Cobbley", US 6,501,464).

As per claim 16, which is dependent on claim 12, Berteig does not disclose the first image is an image of a keyboard that can be operated using the moveable display. Cobbley discloses the first image is an image of a keyboard that can be operated using the moveable

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display at col. 1, lines 8-30. It would have been obvious to an artisan at the time of the invention to use the teaching from Cobbley of operating an image of a keyboard using the movable display in Berteig's system since it would allow the system using keyboard functionality without the need of a physical keyboard.

5. Claim 17 is rejected under 35 U.S.C. 103(a) as being unpatentable over Berteig in view of Singh (US 6,359,615).

As per claim 17, which is dependent on claim 10, Berteig does not disclose a first portion of the first image is displayed at a first resolution and a second portion of the first image is displayed with a reduced resolution relative to the first resolution. Singh disclose a portion of the first image is displayed at a first resolution (30 of fig. 6) and a second portion of the first image is displayed with a reduced resolution (42 of fig. 6) relative to the first resolution. It would have been obvious to an artisan at the time of the invention to use the teaching from Singh of displaying a portion of the first image at a first resolution and a second portion of the first image with a reduced resolution relative to the first resolution in Berteig's system since it would increase the amount of information that can be displayed within a screen.

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

US 5621430 A to Bricklin, Daniel S. discloses method and apparatus for navigating multiple independent windowed images.

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US 5867156 A to Beard, Albert L. et al. discloses automatic viewport display synchronization during application sharing.

US 4831556 A to Oono, Yasukazu discloses device capable of displaying window size and position.

Inquiries

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nhon (Gary) D Nguyen whose telephone number is 703-305-8318. The examiner can normally be reached on Monday - Friday from 8 AM to 5:30 PM with every other Friday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine L Kincaid can be reached on 703-308-0640. The fax phone number for the organization where this application or proceeding is assigned is 703-746-7239.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

Nhon (Gary) Nguyen
December 9, 2003

Kristine Kincaid
KRISTINE KINCAID
SUPERVISORY PATENT EXAMINER
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